

FIG. 1

Prior Art

**SELECT * FROM Table1 WHERE
C1=4 AND (C2>6 OR C3!=8)**

FIG. 2

Prior Art

C1=4 AND (C2>6 OR C3!=8)

FIG. 3

Prior Art

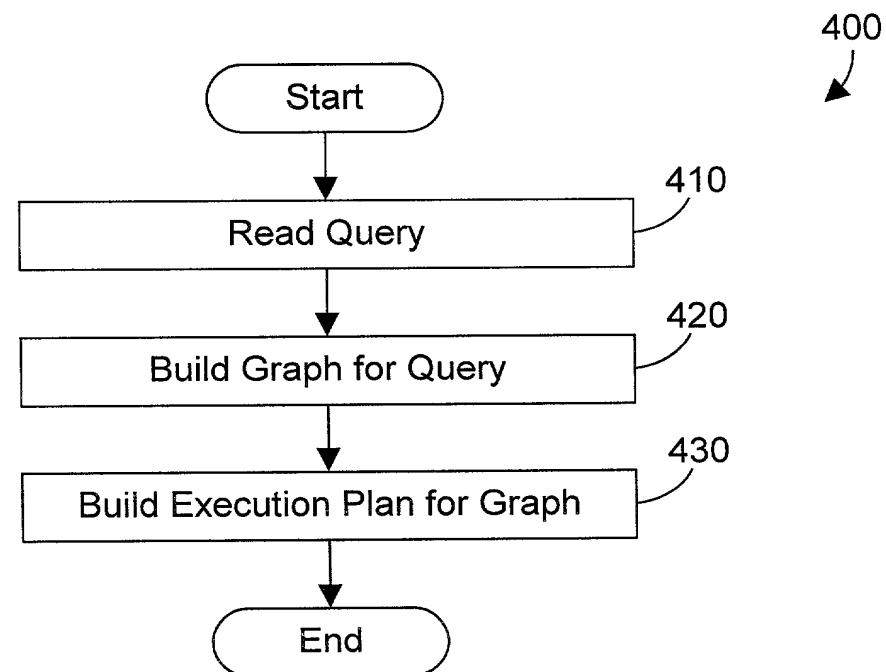


FIG. 4

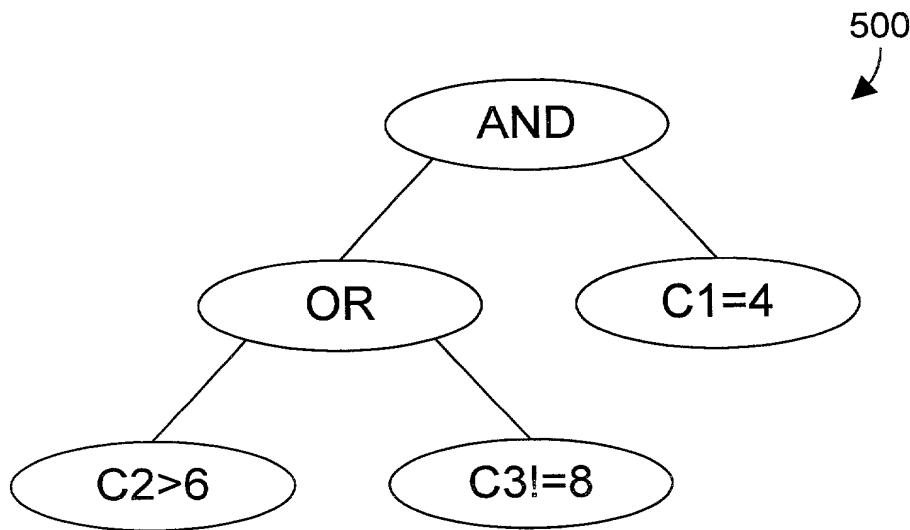
Prior Art

FIG. 5

Prior Art

```
SELECT a.f1 FROM a
UNION ALL
SELECT b.f1 FROM b
UNION ALL
SELECT c.f1 FROM c
```

FIG. 6

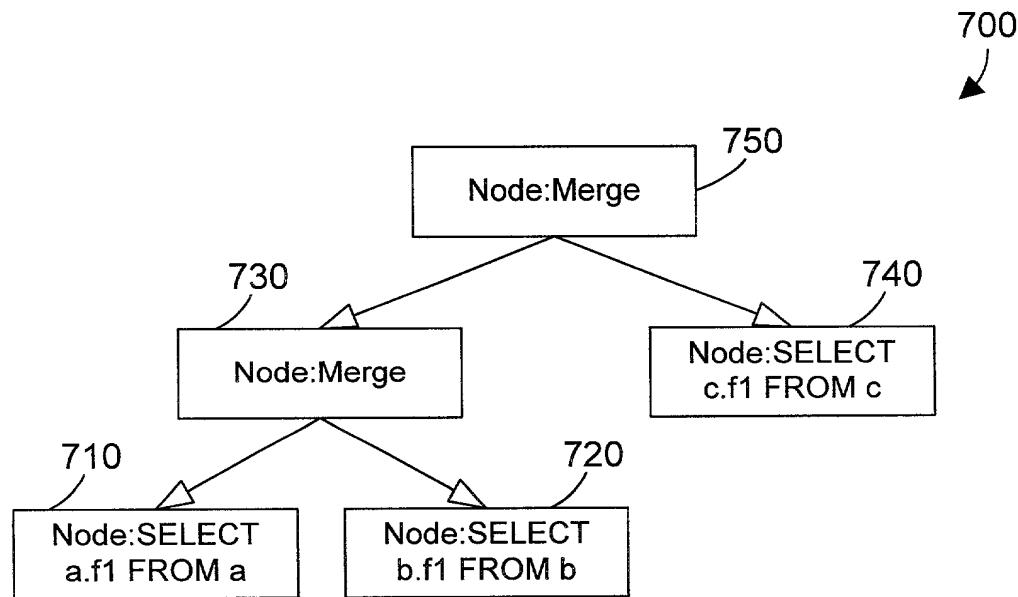


FIG. 7

```
WITH a AS (SELECT f1 FROM b)
SELECT a.f1 FROM a
GROUP BY a.f1
ORDER BY a.f1
```

FIG. 8

100
200
300
400
500
600
700
800
900
1000

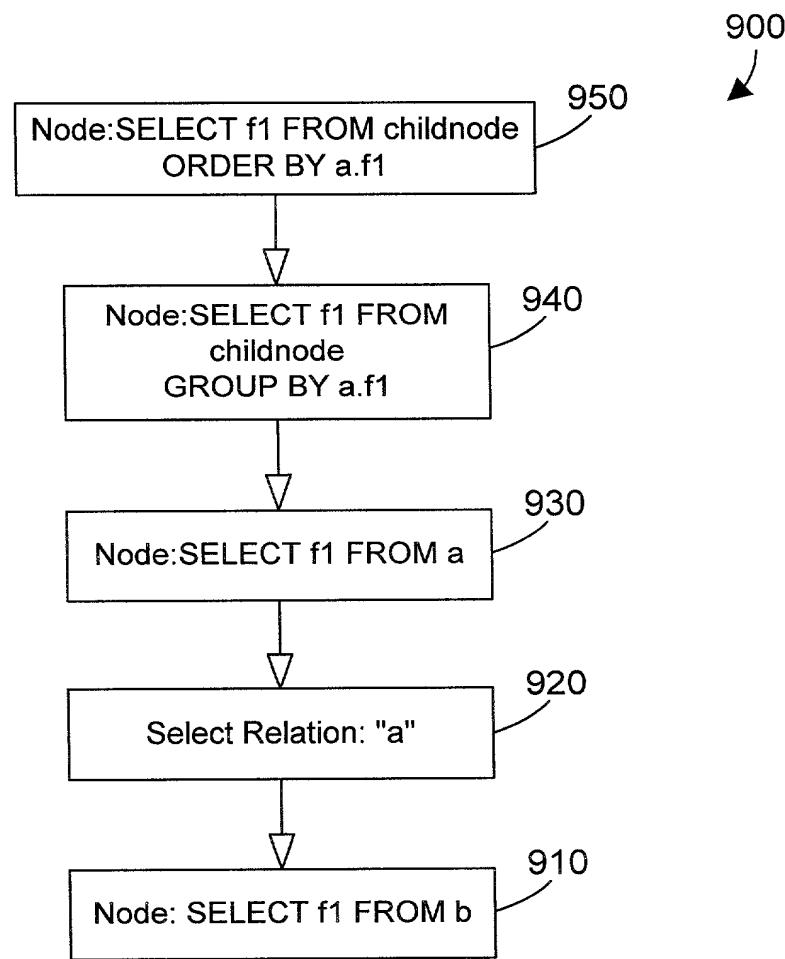


FIG. 9

... WHERE FileA.Col1=FileA.Col2

FIG. 10

1100
↓

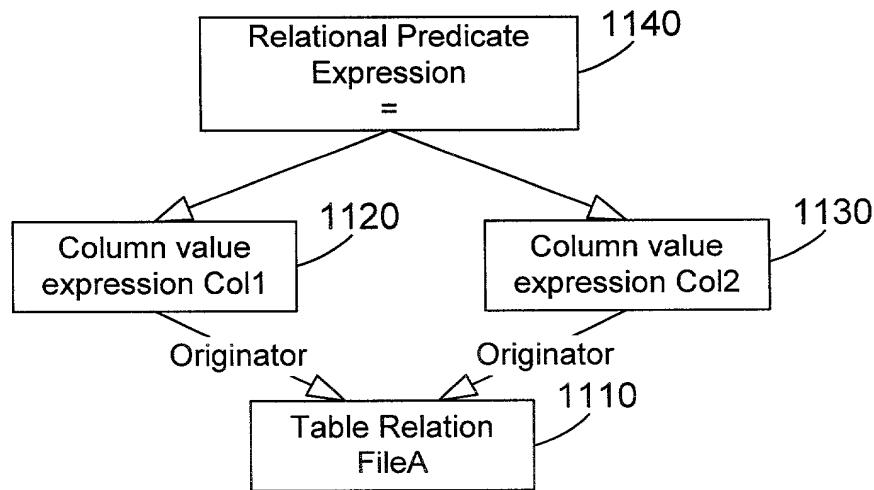


FIG. 11

... WHERE FileA.Col1=FileA.Col2 AND FileA.Col1=7

FIG. 12

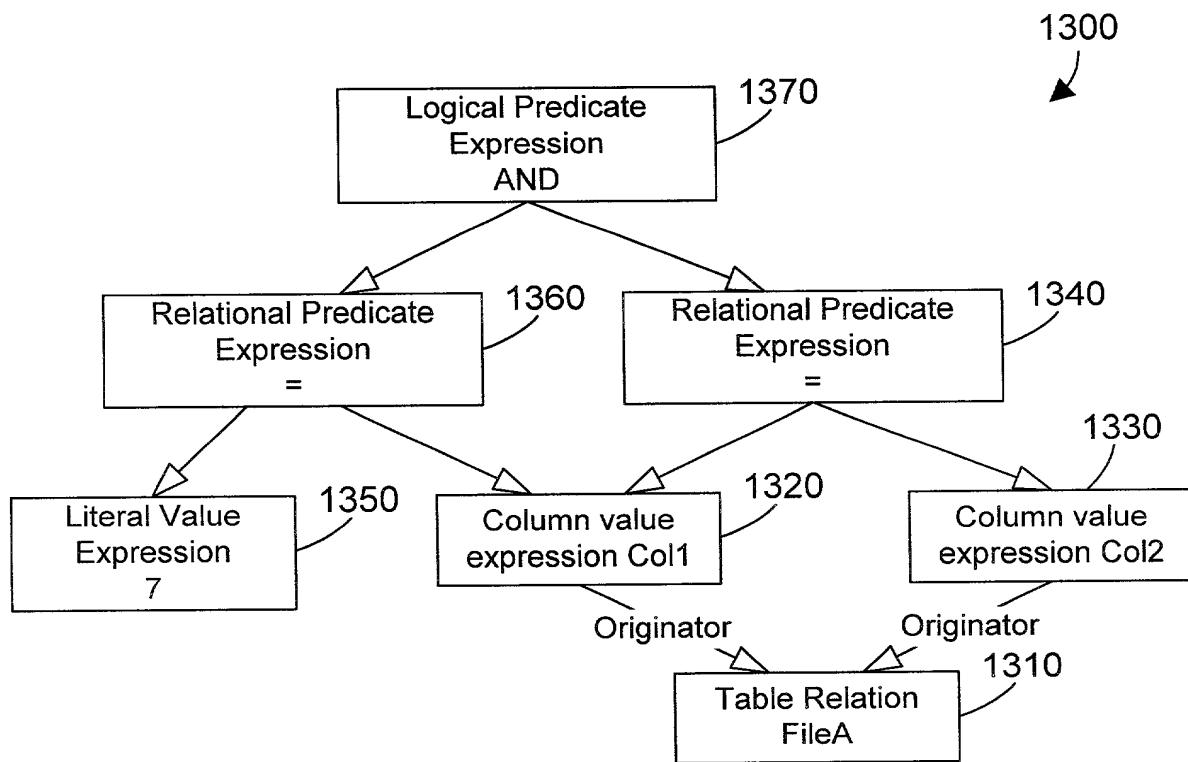


FIG. 13

```
SELECT SUBSTR(FileA.Col1,1,4) . . .
```

FIG. 14

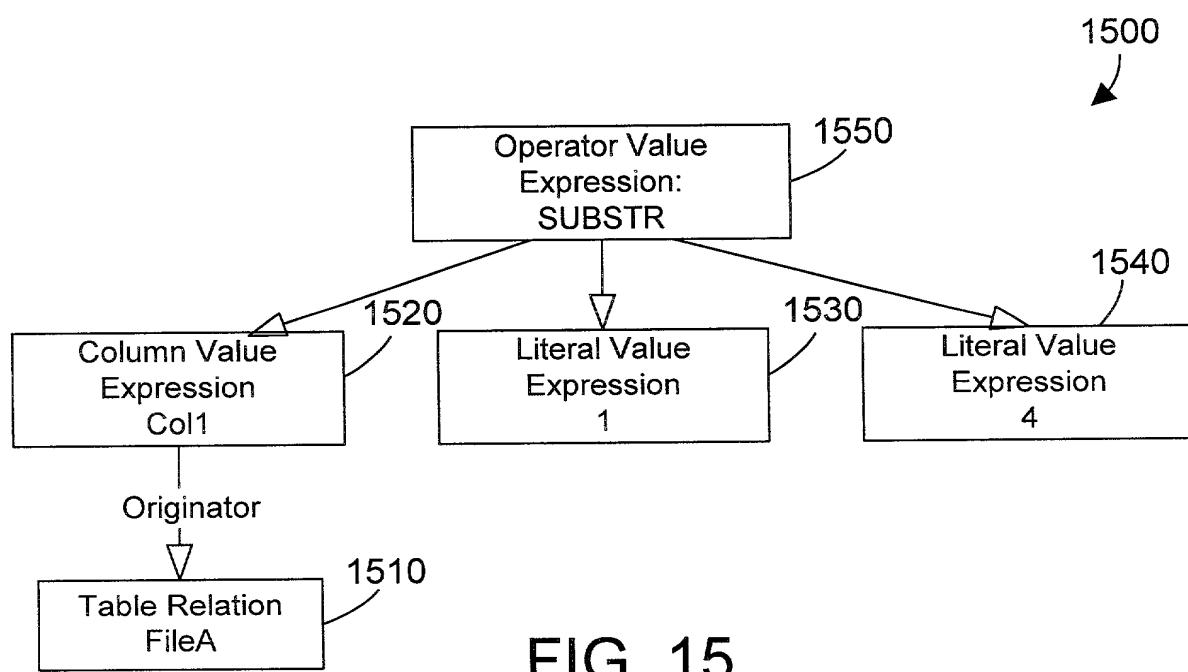


FIG. 15

... WHERE FileA.Col1 = FileB.Col1 ...

FIG. 16

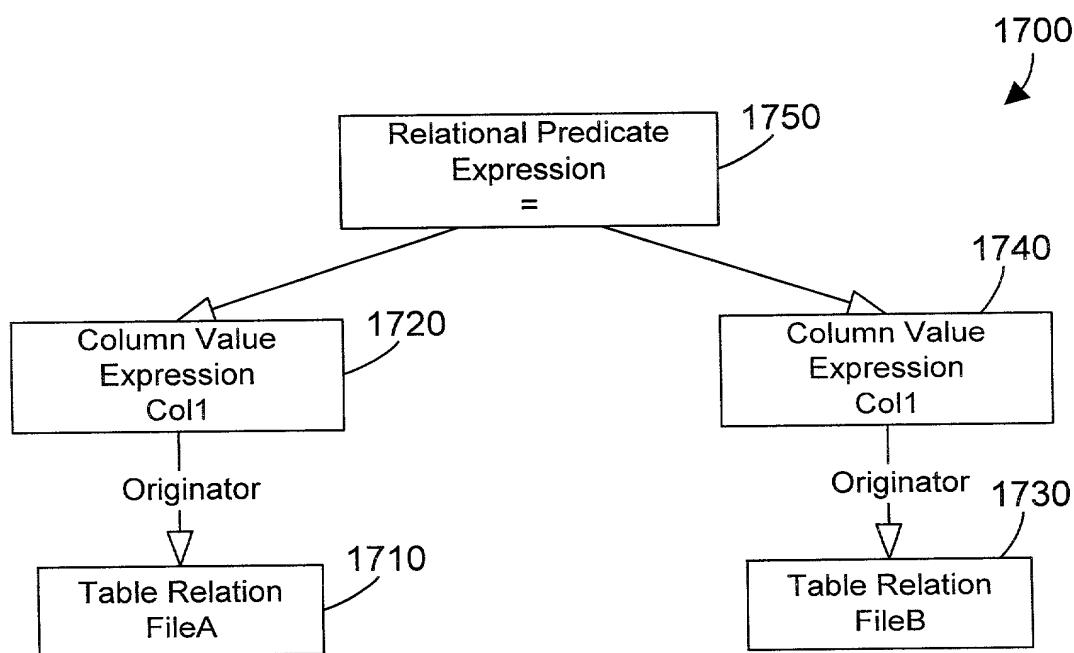


FIG. 17

```

SELECT Fld1
FROM A
WHERE Fld2=7
GROUP BY Fld1
HAVING Fld1='a'
  
```

FIG. 18

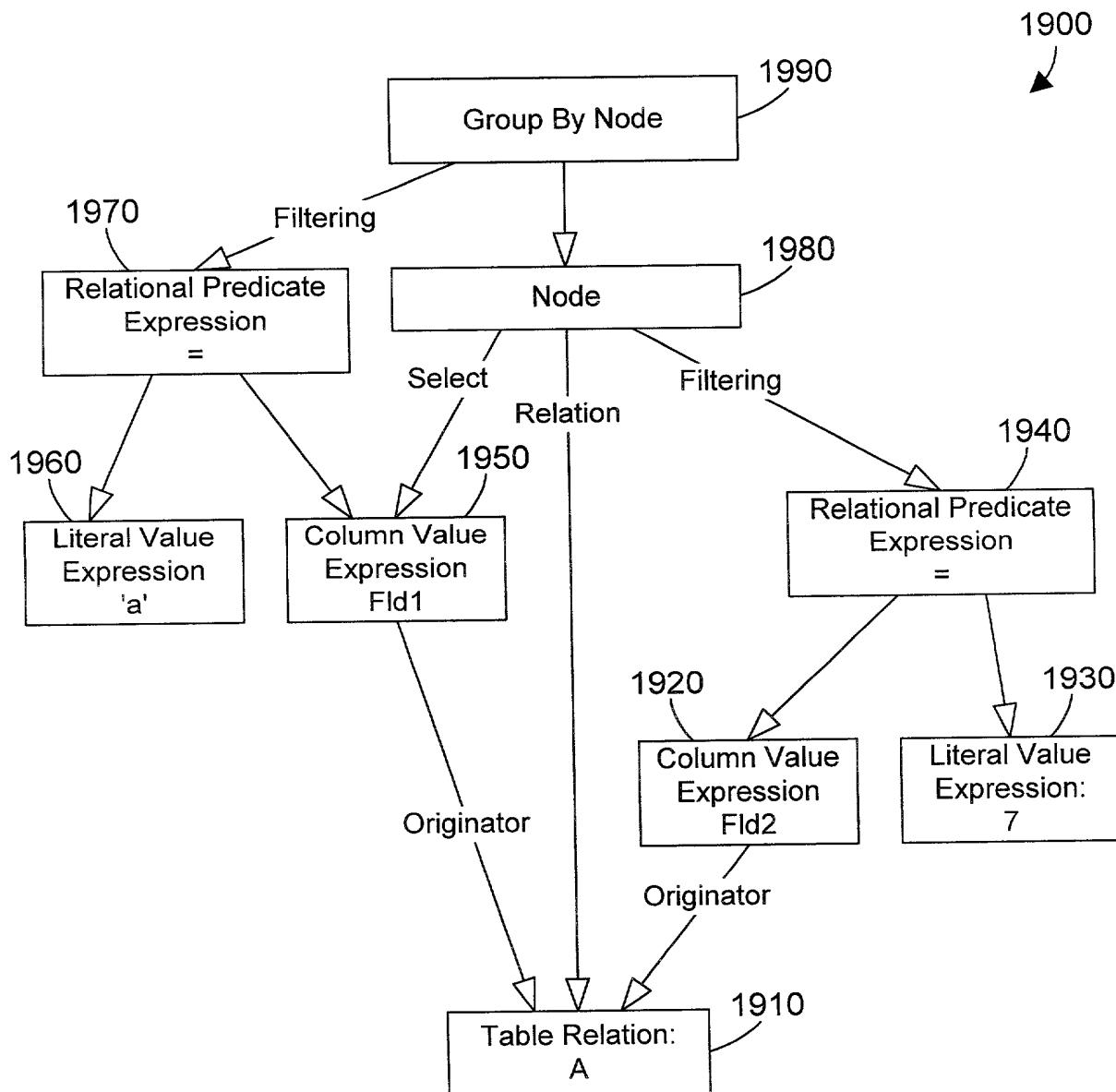


FIG. 19

WITH A AS (SELECT C.Fld1 FROM FileA C)
 SELECT FileB.Fld1 FROM FileB.A
 WHERE A.Fld1= FileB.Fld2

FIG. 20

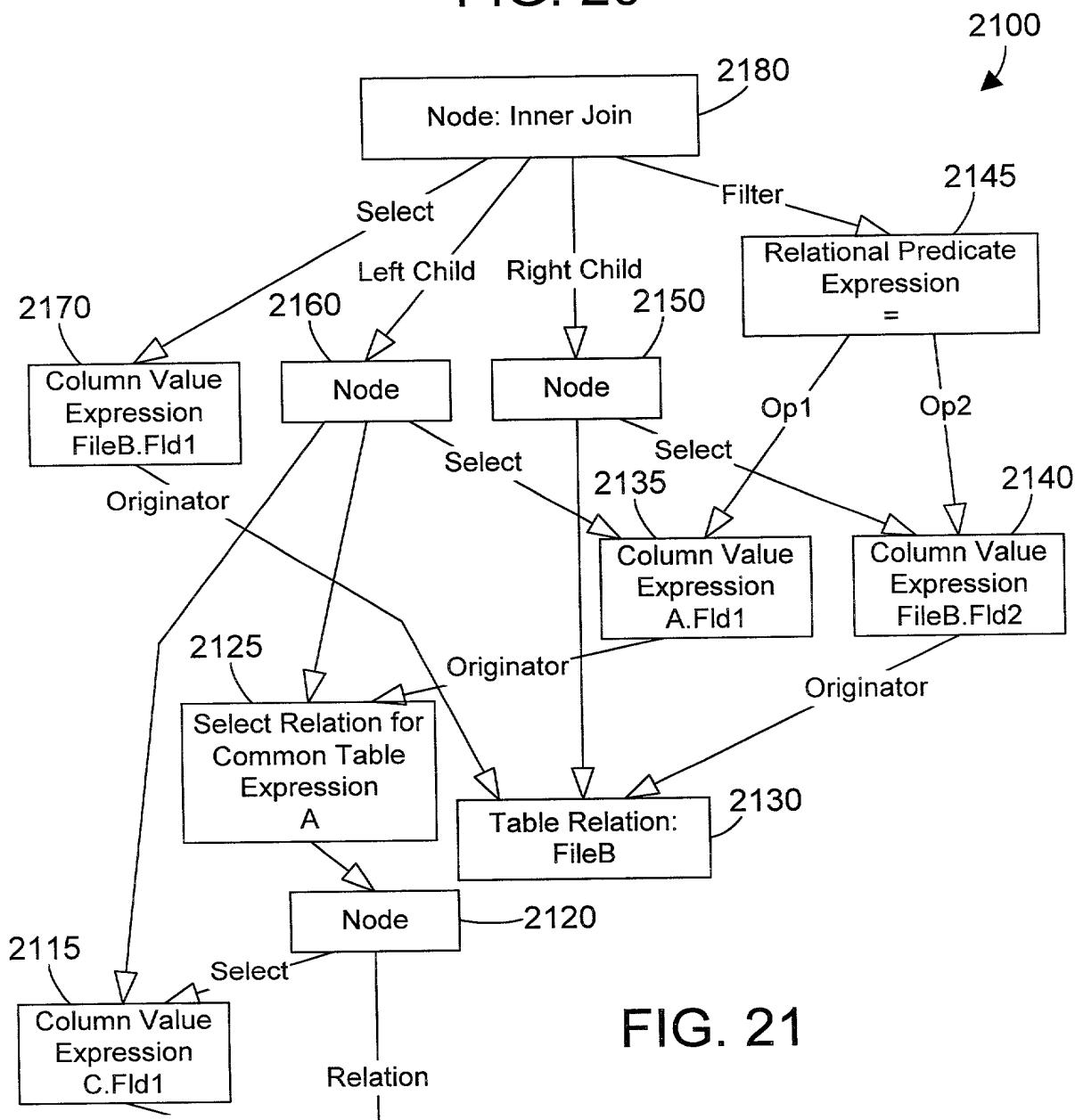
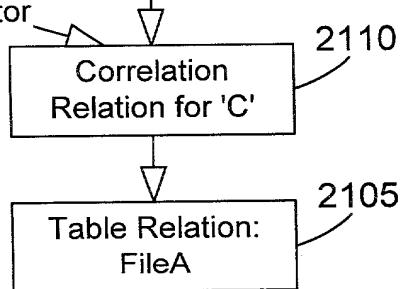


FIG. 21



```

SELECT Fld1 FROM FileA
WHERE Fld1=7 AND
FileA.Fld3=(SELECT FileB.Fld3 FROM FileB WHERE Fld3=42)

```

FIG. 22

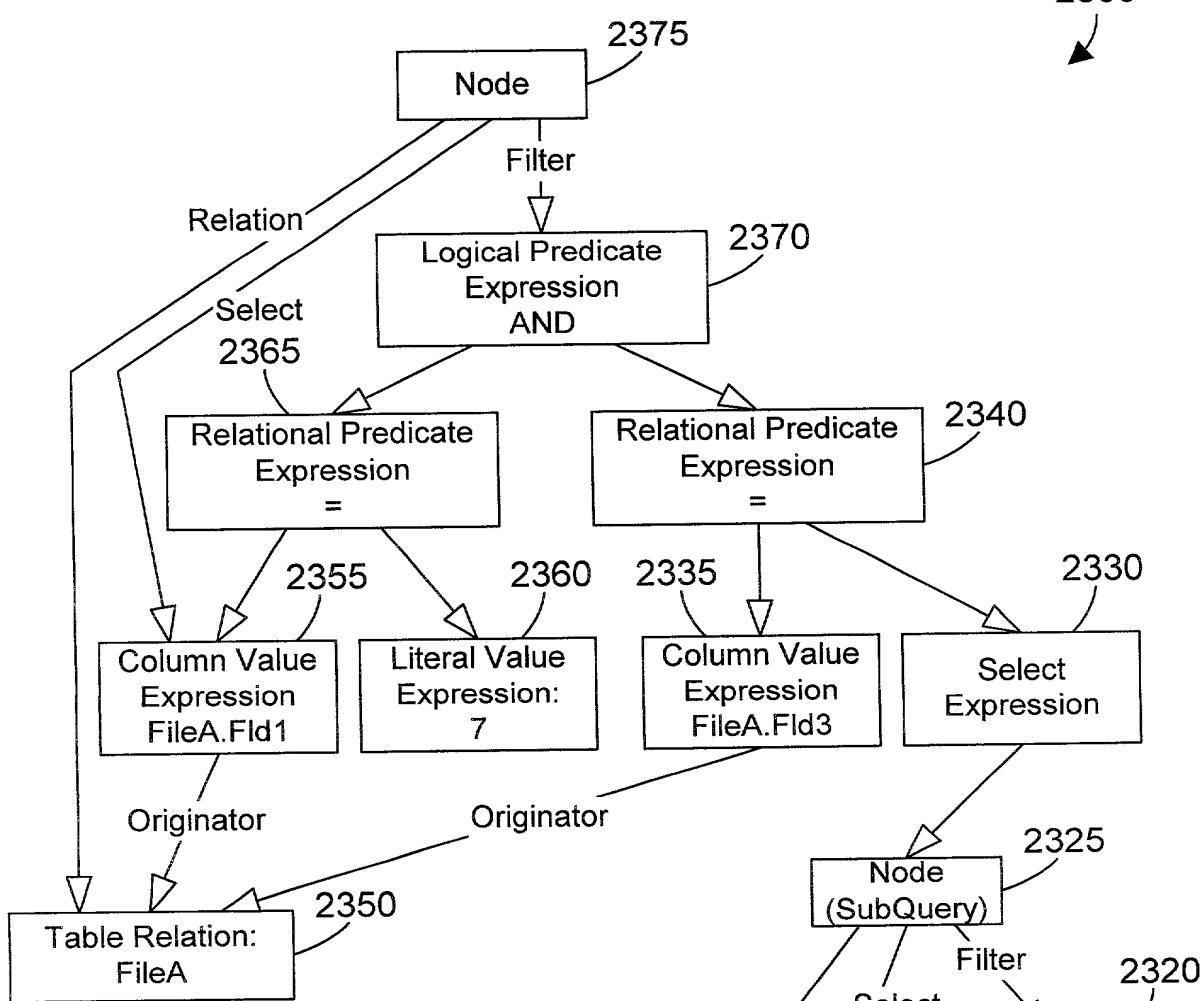
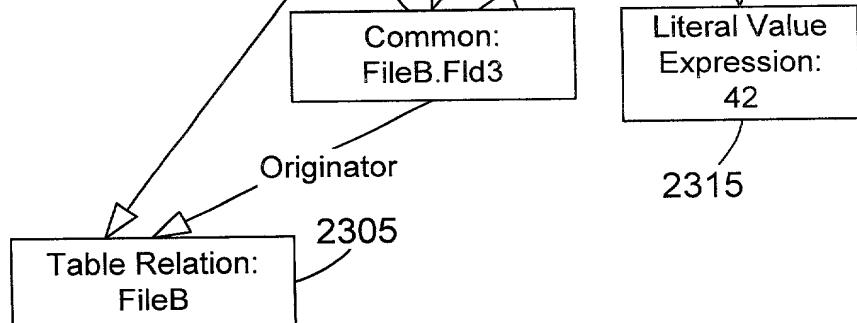
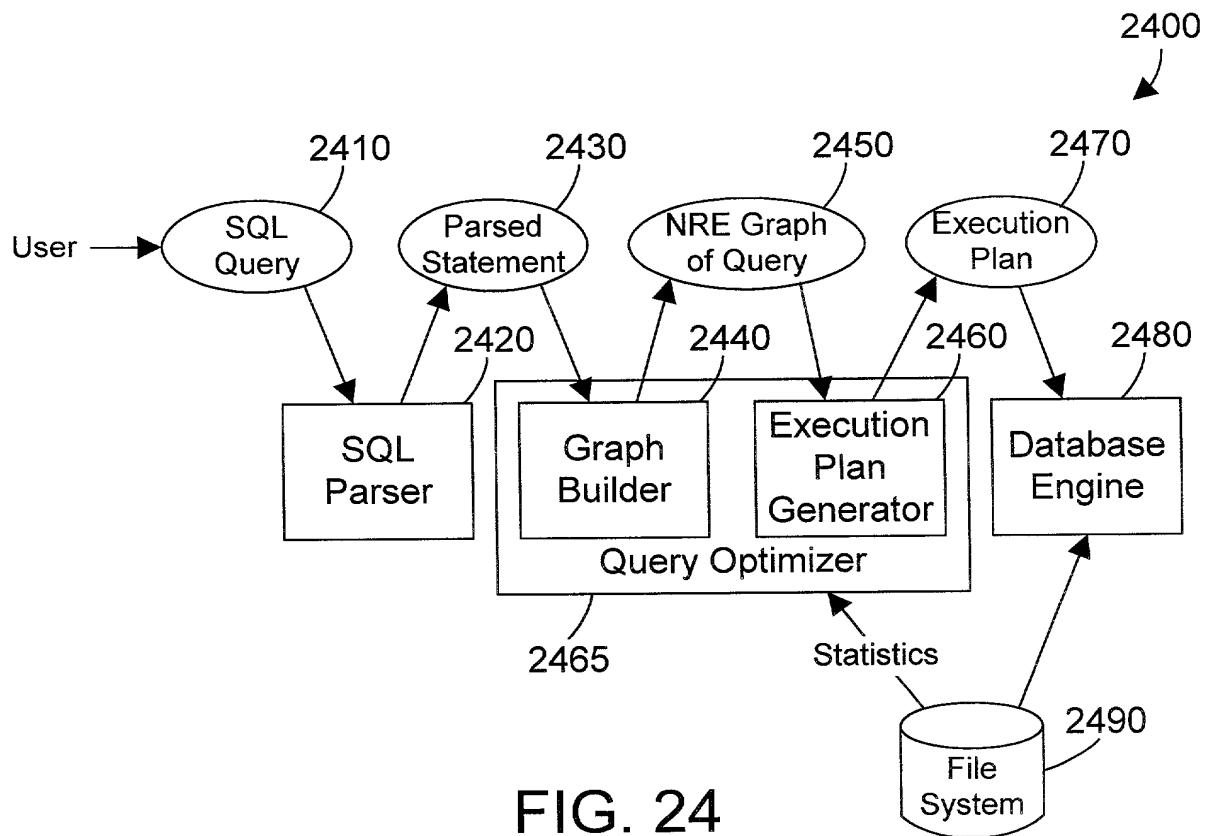
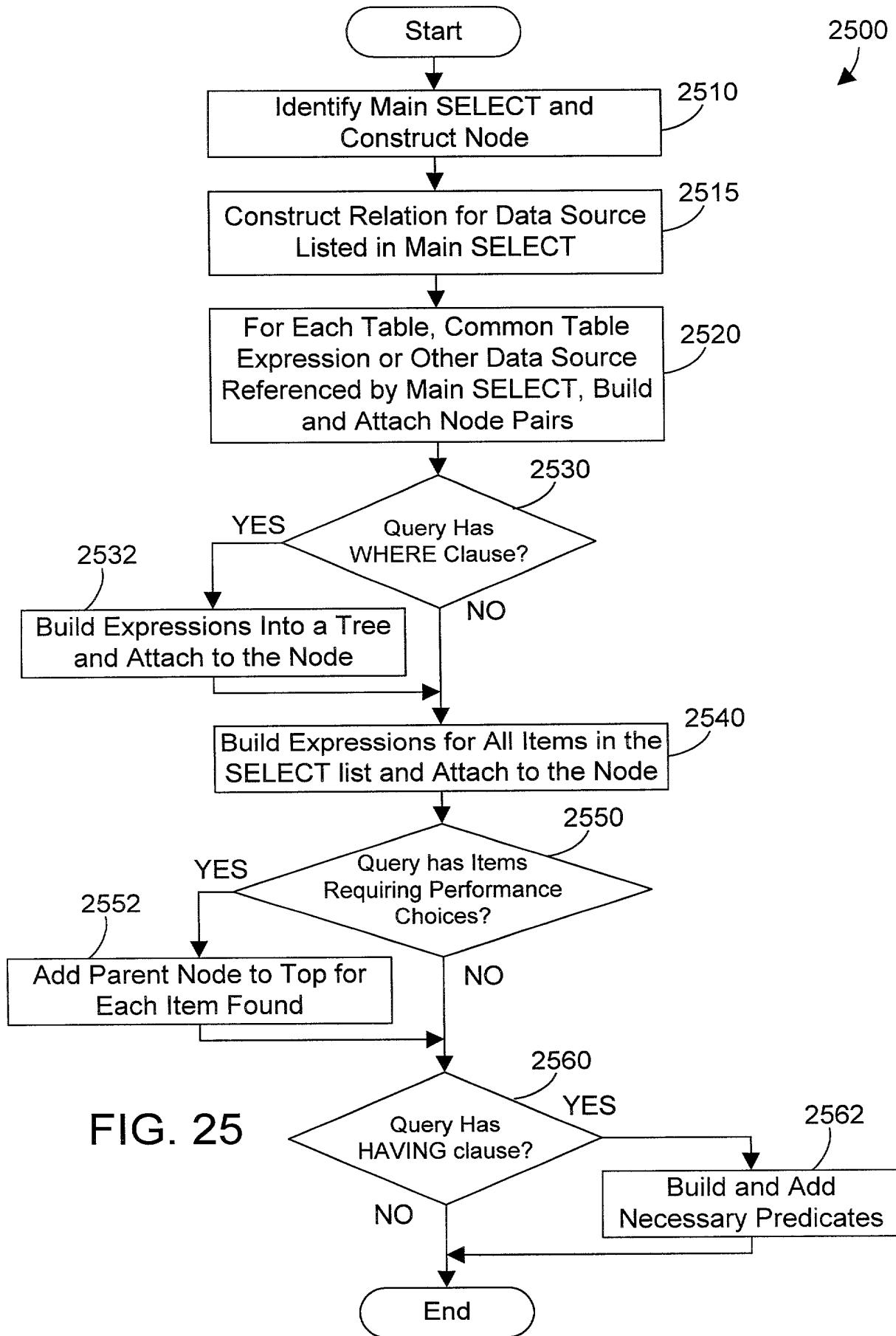


FIG. 23







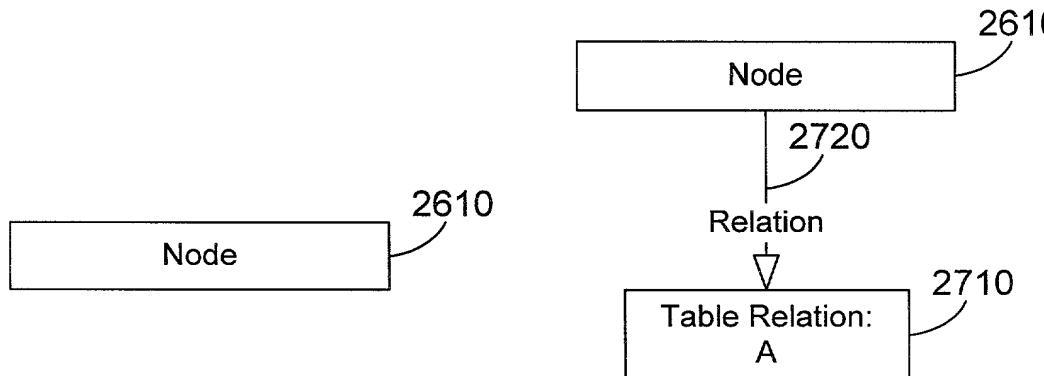


FIG. 26

FIG. 27

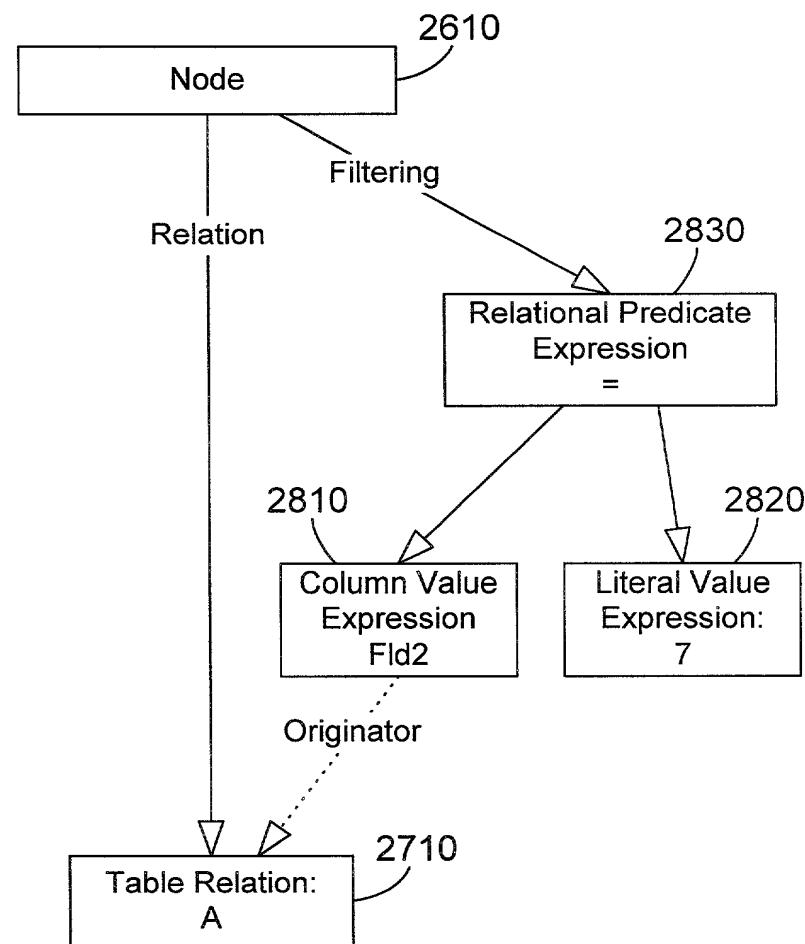


FIG. 28

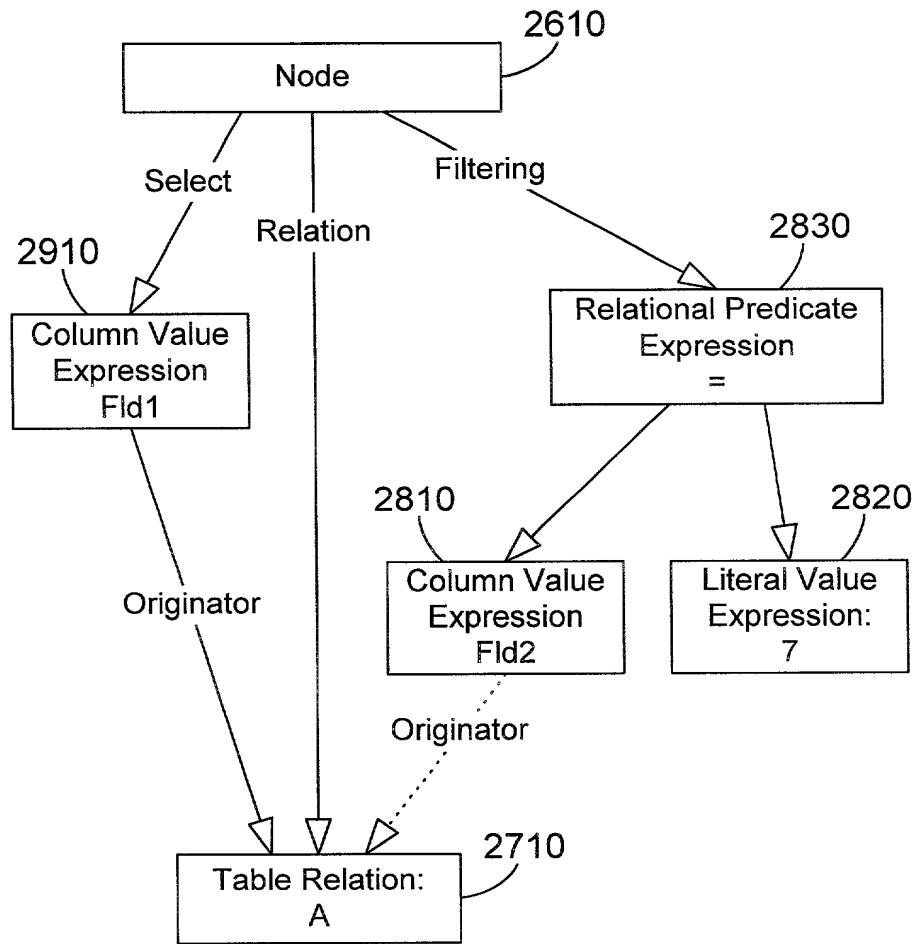


FIG. 29

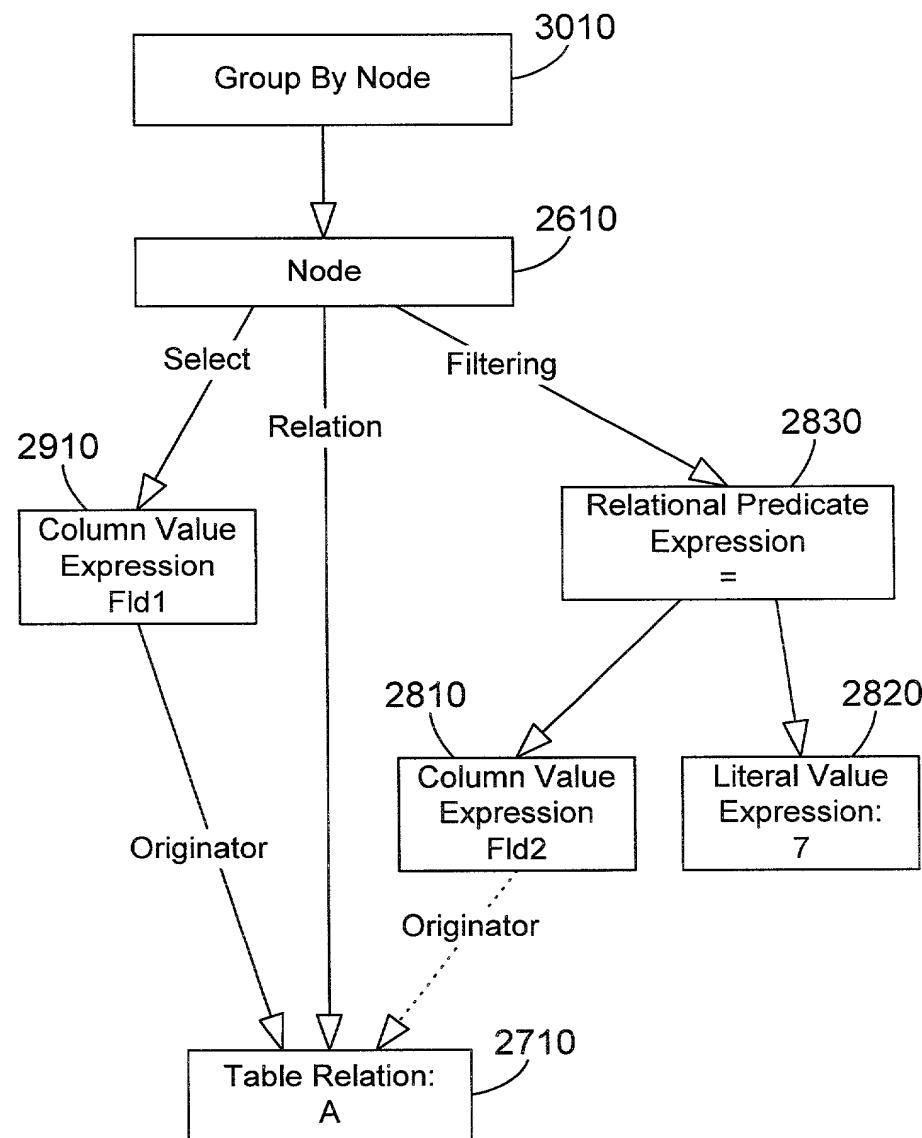


FIG. 30

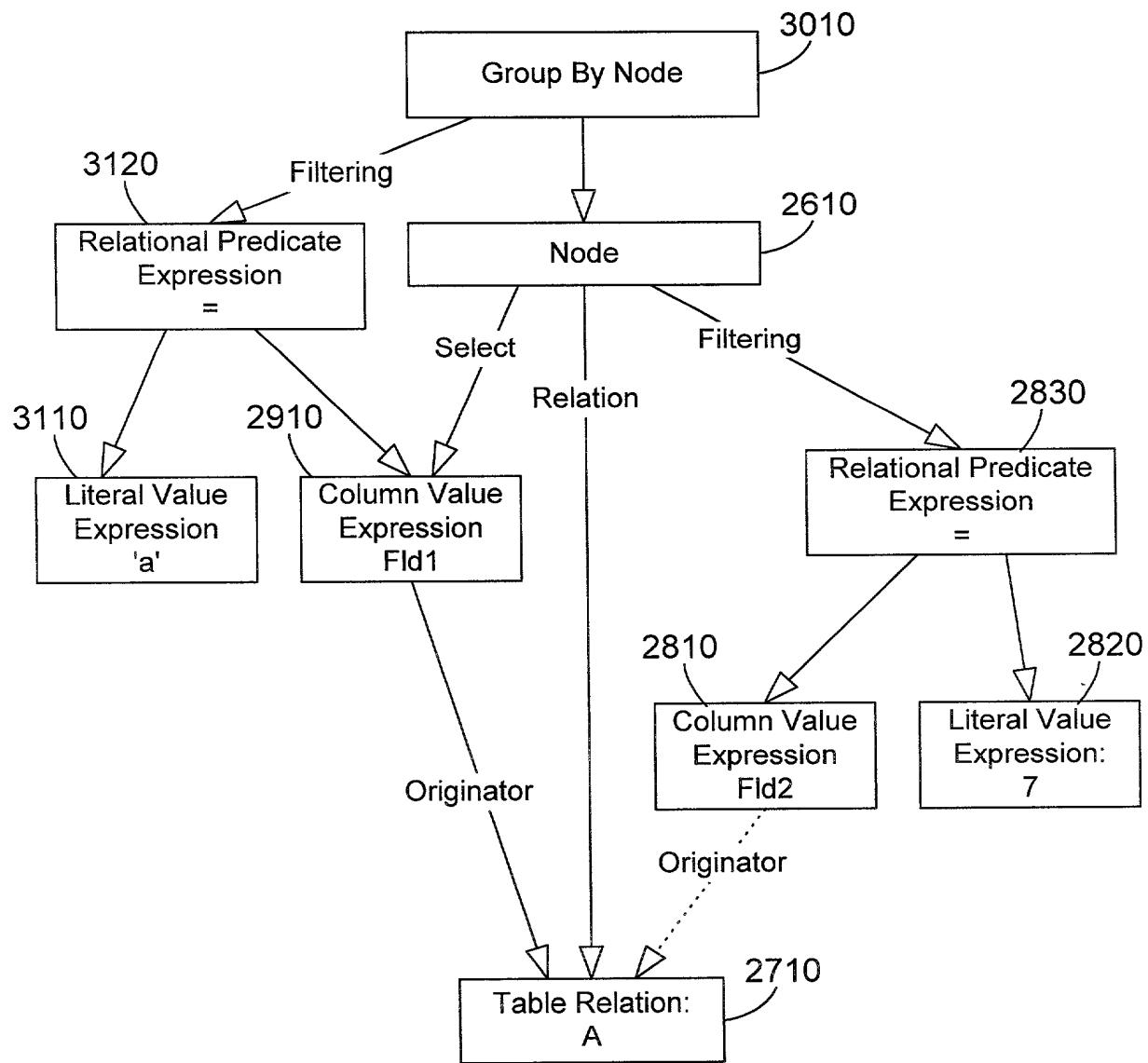
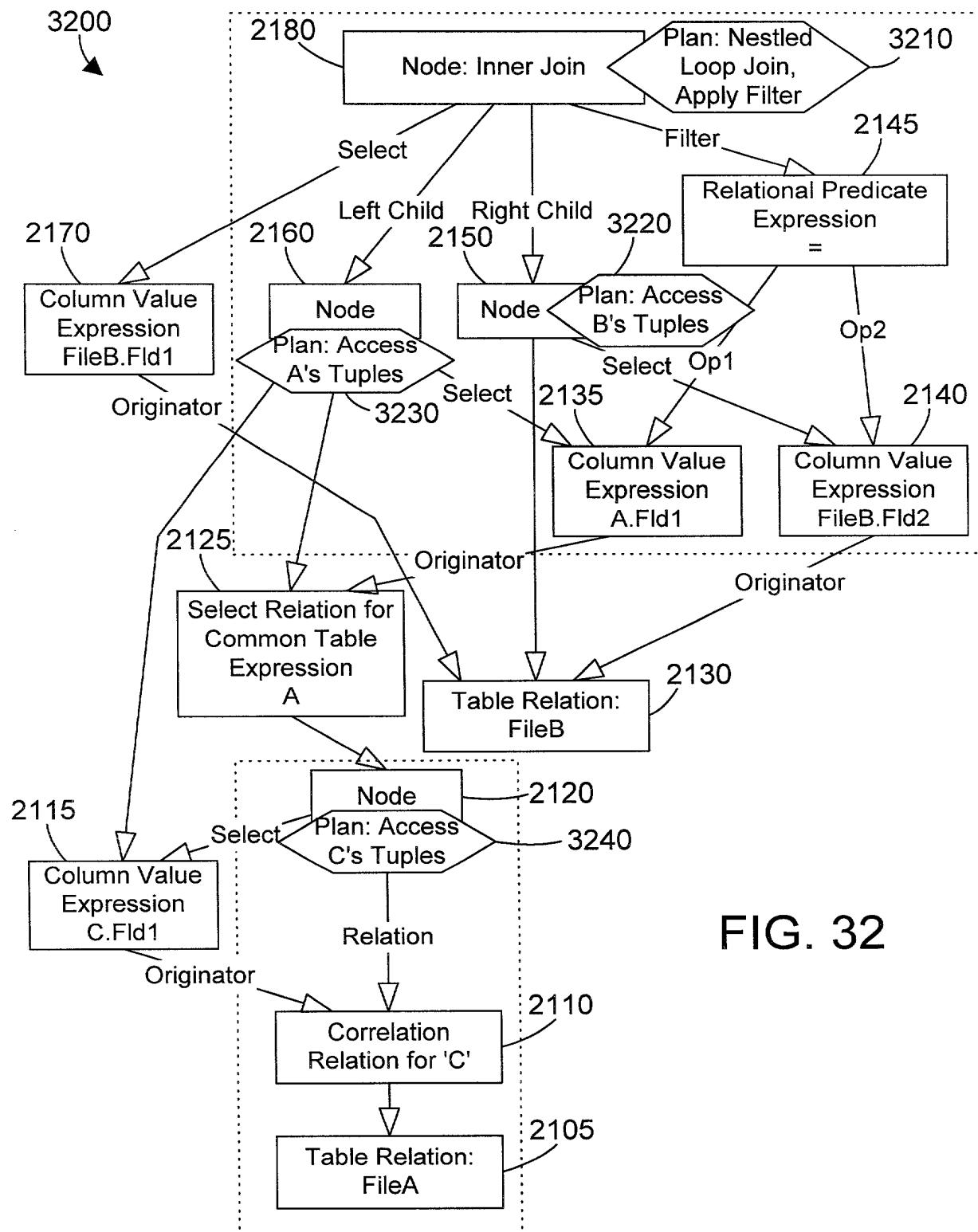


FIG. 31



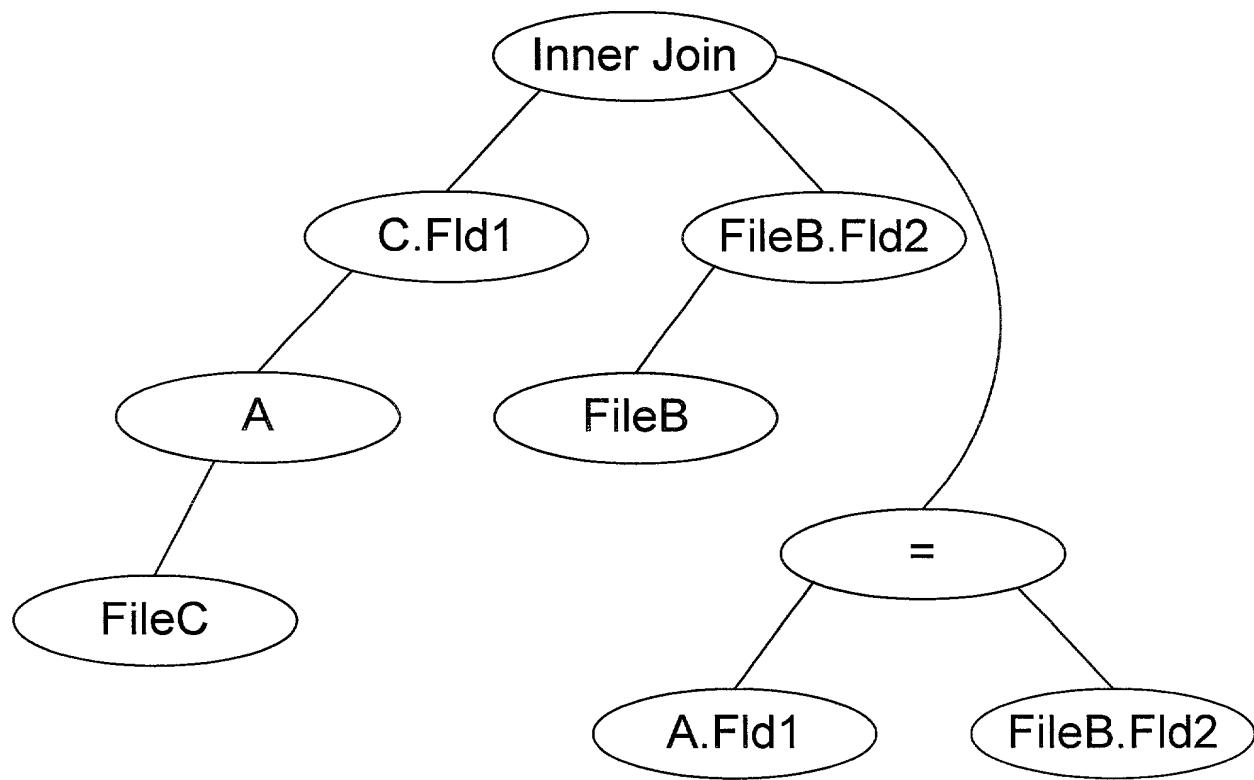


FIG. 33 Prior Art

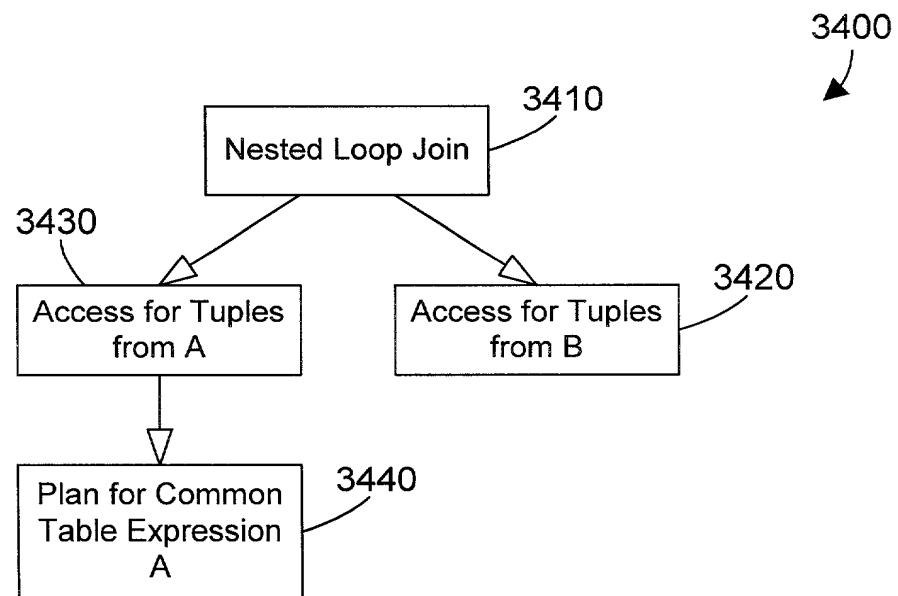


FIG. 34 Prior Art

